PTO/SB/05 (08-03)
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	UTILITY		Attorney Docket No.	NEB-232		
F	PATENT APPLICATION	4	First Inventor	Keith Lunnen		10
	TRANSMITTAL		Title	Method For Clonin	g And	.E
(Only for i	new nonprovisional applications under 37 CF	R 1.53(b))	Express Mail Label No.	ER279330987US	·	
See MPEP	APPLICATION ELEMENTS chapter 600 concerning utility patent applicati	on contents.	ADDRESS TO:	Mail Stop Patent App Commissioner for Pa P.O. Box 1450 Alexandria VA 2231	itents	13970
2.	red arrangement set forth below) riptive title of the invention s Reference to Related Applications ment Regarding Fed sponsored R & D rence to sequence listing, a table, computer program listing appendix ground of the Invention Summary of the Invention Description of the Drawings (if filed) lied Description ((s) act of the Disclosure	3] ecuted 3(d)) inpleted) is)	Computer Prog. 8. Nucleotide and/or & (if applicable, all net a	ressary) r Readable Form (Cition Sequence Listin Rom or CD-R (2 coper and serifying identity YING APPLICA Papers (cover sheet b) Statement as an assignee) slation Document (if b) isclosure [DS)/PTO-1449 [DS]/PTO-1449 [DS]/PTO-	e Submission RF) g on: pies); or of above copies TION PARTS & document(s)) December of Attomey applicable) Unexect Copies of IDS Citations 503) ent(s) i U.S.C. 122 of form PTO/SB/35	cuted
Prior application information: Examiner Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
☑ Custor	mer Number:	28986	OR	Correspondent	ce address below	\neg
Name	Harriet M. Strimpel, Ph.D.					\dashv
Address	New England Biolabs,Inc.					\Box
City	32 Tozer Road Beverly		State MA	Zip (Code 01915	{
Country	USA		elephone 978-927-5054		101010	
Name (Print/T)	Name (Print/Type) Harriet M. Strimpel Registration No. (Attorney/Agent) 37008					7
Signature	Hamel 8 hour	rel		Date	9/22/03	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PTO/SB/17 (01-03)
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FEE	TR	AN	SN	HT	TAL
4	for	FY	20	03	

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Effective 01/01/2003. Patent fees are subject to annual revision.

X Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete if Known			
Application Number			
Filing Date			
First Named Inventor	Keith Lunnen		
Examiner Name			
Art Unit			
Attorney Docket No.	NEB-232		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
Check Credit card Money Other None	3. ADDITIONAL FEES			
Deposit Account:	Large Entity Small Entity			
Deposit Account.	Fee Fee Code (\$)	Fee Fee Fee Description Code (\$) Fee	Daid	
Account	1051 130	2051 65 Surcharge - late filing fee or oath	Paid	
Number Deposit	1052 50	2052 25 Surcharge - late provisional filing fee or	\dashv	
Account Name	1032 30	cover sheet		
The Commissioner is authorized to: (check all that apply)	1053 130	1053 130 Non-English specification		
Charge fee(s) indicated below Credit any overpayments	1812 2,520	1812 2,520 For filing a request for ex parte reexamination		
Charge any additional fee(s) during the pendency of this application	1804 920*	1804 920* Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee	1805 1,840*	1805 1,840* Requesting publication of SIR after	- 1	
to the above-identified deposit account.		Examiner action		
FEE CALCULATION	1251 110	2251 55 Extension for reply within first month	- 1	
1. BASIC FILING FEE	1252 410	2252 205 Extension for reply within second month		
Large Entity Small Entity	1253 930	2253 465 Extension for reply within third month		
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1,450	2254 725 Extension for reply within fourth month		
1001 750 2001 375 Utility filing fee	1255 1,970	2255 985 Extension for reply within fifth month	-	
1002 330 2002 165 Design filing fee	1401 320	2401 160 Notice of Appeal		
1003 520 2003 260 Plant filing fee	1402 320	2402 160 Filing a brief in support of an appeal		
1004 750 2004 375 Reissue filing fee	1403 280	2403 140 Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451 1,510	1451 1,510 Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 375.00	1452 110	2452 55 Petition to revive - unavoidable		
<u> </u>	1453 1,300	2453 650 Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,300	2501 650 Utility issue fee (or reissue)		
Extra Claims below Fee Paid	1502 470	2502 235 Design issue fee		
Total Claims $\begin{bmatrix} 8 \\ 20^{\circ\circ} = 0 \end{bmatrix}$ $\times \begin{bmatrix} 9 \\ 42 \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \end{bmatrix}$	1503 630	2503 315 Plant issue fee		
	1460 130	1460 130 Petitions to the Commissioner		
Multiple Dependent 140 = 140	1807 50	1807 50 Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806 180	1806 180 Submission of Information Disclosure Stmt		
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021 40	8021 40 Recording each patent assignment per	ł	
1202 18 2202 9 Claims in excess of 20	1809 750	property (times number of properties) 2809 375 Filing a submission after final rejection		
1201 84 2201 42 Independent claims in excess of 3	.000 100	(37 CFR 1.129(a))		
1203 280 2203 140 Multiple dependent claim, if not paid	1810 750	2810 375 For each additional invention to be		
1204 84 2204 42 ** Reissue independent claims over original patent	1801 750	examined (37 CFR 1.129(b)) 2801 375 Request for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900	1802 900 Request for expedited examination of a design application		
\	Other fee (s)	- · · · · · · · · · · · · · · · · · · ·		
SUBTOTAL (2) (\$) 140.00	• •	Basic Filing Fee Paid SUBTOTAL (3) (\$)		
**or number previously paid, if greater; For Reissues, see above Subtotal (3) [(\$)				

SUBMITTED BY

Name (Print/Type)

Harriet M. Strimpel

Registration No. (Altomet/Agent)

Signature

(Complete (it applicable)

Telephone 978-927-5054

Date 9122/03

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PTO/SB/21 (08-03)
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TRANSMITTAL	Filing Date				
FORM	First Named Inventor	Keith Lunnen			
(to be used for all correspondence after initial filing)	Art Unit	(Sair Earligh			
(to be used for an correspondence and mind ming)	Examiner Name				
	7 Attorney Docket Number				
Total Number of Pages in This Submission	,,	NEB-232			
E	NCLOSURES (Check all	that apply)			
Fee Transmittal Form	Drawing(s)	After Allowance communication to Technology Center (TC)			
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC			
Amendment/Reply	Petition	(Appeal Notice, Brief, Reply Brief)			
After Final	Petition to Convert to a Provisional Application	Proprietary Information			
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence A				
Extension of Time Request	Terminal Disclaimer	Other Enclosure(s) (please Identify below):			
Express Abandonment Request	Request for Refund				
Information Disclosure Statement	CD, Number of CD(s)				
Certified Copy of Priority	Remarks	4			
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Response to Missing Parts/	inexecuted power of				
	NO FEES INCLUDED	accorney			
Response to Missing Parts		urn address postcard			
1	rotain addition poor				
SIGNATUR	RE OF APPLICANT, ATTO	RNEY, OR AGENT			
Firm Harriet M. Strimpel, Ph.D.					
or Individual name New England Biolabs, Inc.					
Signature	Signature Hamel Shunel				
Date 9/22/63					
CERTIFICATE OF TRANSMISSION/MAILING					
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.					
Typed or printed name Melissal A. Jackson					
Signature	Signature Date 0 30 03				
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